

MAY 24 1999
 OIP E JCAI
 PATENT & TRADEMARK OFFICE
 Awarded

MAY 24 1999

Group Art Unit:

Examiner:

For : A COOLER FOR ELECTRICAL COMPONENTS

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Sir:

In the Specification:

Please delete the current Specification and insert the enclosed "Substitute Specification".

Please delete claims 1-30 and insert the following new claims:

--31. A cooler, in the form of a heat pipe, having a housing in which an interior space closed to the outside is formed to hold a liquid, vaporizable coolant or heat-transport medium, with at least one first cooling or vaporization area formed in the housing interior for accommodating a heat output and a second condensation area which is formed in the housing and is spatially distant for dissipating heat, the housing comprising: a plurality of plates which are superficially joined to one another and which are provided with a plurality of openings for forming channels which are interconnected and which join the first area and the second area; and at least two metal